Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 22 Oct 2023 until 23:59 on Monday 23 Oct 2023

Forecast Issued on Saturday 21 Oct 2023 at 15:41

Confidence: High confidence in more settled conditions on Sunday and Monday, and then a return to wet and windy conditions from Monday night onwards, although much lower confidence in details from this point.

Headline for Sunday 22 Oct 2023: A cloudy start to Sunday. Light showers feed in from the west during the morning, drier through the afternoon with some sunny spells.

Mountain weather hazards on Sunday 22 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Clear night	Clear night
Precipitation probability							
10%	20%	20%	20%	20%	10%	<05%	<05%

Forecast for Sunday 22 Oct 2023

Weather: Cloudy through the morning, perhaps occasionally clearer in the east. Cloud continues pushing in from the west through the morning, with the odd light shower at times. Cloud lifting and breaking up through the early afternoon with sunny spells developing, with showers easing off. Skies clear into the evening, with some misty patches possibly beginning to form.

Chance of cloud-free hill tops above 600m: 70% early morning, rising to 100% into afternoon.

Low Cloud and visibility: Cloud pushing in from the west mainly broken/scattered amounts of stratocumulus, with bases occasionally down to around 500-600 m through the morning mainly affecting western hills. Cloud lifting above summits through the afternoon. Visibility generally very good, falling to poor at times in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Sunday 22 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/18 W	11/17 W	10/15 SW	12/16 SW	15/21 W	12/18 SW	8/12 SW	7/10 S	7/11 SE
300	6/17 W	7/19 W	5/16 W	5/12 SW	10/19 W	8/17 W	3/9 SW	2/7 SE	3/7 E
Valley	3/10 NW	3/11 W	2/9 NW	3/11 SW	8/16 W	7/14 SW	2/7 SW	4/7 E	5/10 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	4/0	4/1	5/1	6/2	6/3	6/3	5/3	5/3
300	6/4	5/3	5/3	7/6	9/7	9/7	5/4	4/3	4/3
Valley	7/6	7/6	6/5	8/8	11/9	11/9	7/6	7/6	7/5
Freezing Level*	1200m	1100m	1200m	1200m	1300m	1300m	1300m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Recent heavy rainfall may continue to have an effect on walking conditions, with saturated ground in places and some smaller watercourses possibly in spate. Note wind chill on higher slopes early.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 21 Oct 2023	6.8mm	39.2mm	50mm

Forecast for Monday 23 Oct 2023

Weather: Mist and fog early on Monday, mostly lifting through the morning, but then likely to linger as low stratus which could see some higher peaks remaining obscured through much of the day. Cloud thickening and lowering into the evening.

Maximum wind: East-southeasterly winds around 15-20 mph, gusting up to 30 mph.

Chance of cloud-free hill tops above 600m: 30% through morning, rising to 70% during the afternoon.

Low Cloud and visibility: Mist and fog giving poor visibilities through the morning, with visibilities improving as this lifts, although some higher summits may remain in low cloud through the day.

Temperature: **Valleys:** Plus 4 Celsius, rising to Plus 11 Celsius.
At 600m: Plus 4 Celsius, rising to Plus 6 Celsius.
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.